CW#126: Area in the CP

Geometry  
Due: Tuesday, May 16th, 2016

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

Answer the following in your notebook.

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| Pre-Work: On the graph below:   1. Highlight the lines , , and . 2. Identify the base and the height of the triangle created by these three lines. 3. What is the area of the triangle?   http://domathtogether.com/wp-content/uploads/2012/10/coordinate-plane1.png | |
| 1. Graph the lines , , and .  (a) Highlight the triangle created by the three lines.  (b) Identify the base and the height.  (c) What is the area bound by the given lines? | 2. Graph the lines , , and .  (a) Highlight the triangle created by the three lines.  (b) What is the base and the height of the triangle?  (c) What is the area bound by the given lines? |
| 3. Graph the lines , , and .  (a) What is the base and the height of the triangle?  (b) What is the area bound by the given lines? | 4. Graph the lines , , and .  (a) Rewrite the equation in .  (b) What is the base and the height of the triangle?  (c) What is the area bound by the given lines? |
| 5. Graph the lines , , and .  (a) What is the base and the height of the triangle?  (b) What is the area bound by the given lines? | 6. Graph the lines , , and  (a) What is the base and the height of the triangle?  (b) What is the area bound by the given lines? |
| 7. Graph the lines , , and .  (a) What is the base and the height of the triangle?  (b) What is the area bound by the given lines? | 8. Graph the lines , , and .  (a) How did you plot the line:?  (b) What is the base and the height of the triangle?  (c) Is the area of the triangle 12? Explain. |
| 9. Graph the lines , , and .  (a) How did you plot the line: ?  (b) What is the base and the height of the triangle?  (c) Is the area of the triangle 12? Explain. | 10. Graph the lines , , and .  (a) Identify the base and the height of the triangle.  (b) Is the area of the triangle 12? Explain. |

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Failure to show work will result in a LaSalle!

Exit Ticket: Complete before you leave class!

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| --- | --- |
| 1. Graph the lines , and .  (a) Highlight the triangle created by the three lines.  (b) Identify the base and the height.  (c) What is the area bound by the given lines?  http://domathtogether.com/wp-content/uploads/2012/10/coordinate-plane1.png | 2. Graph the lines , , and .  (a) Highlight the triangle created by the three lines.  (b) What is the base and the height of the triangle?  (c) What is the area bound by the given lines?  http://domathtogether.com/wp-content/uploads/2012/10/coordinate-plane1.png |

Finish for homework [ON A SEPARATE SHEET OF GRAPH PAPER!]

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| --- | --- |
| 1. Graph the lines , , and .  (a) Highlight the triangle created by the three lines.  (b) Identify the base and the height.  (c) What is the area bound by the given lines? | 2. Graph the lines , , and .  (a) Highlight the triangle created by the three lines.  (b) What is the base and the height of the triangle?  (c) What is the area bound by the given lines? |
| 3. Graph the lines , , and .  (a) Highlight the triangle created by the three lines.  (b) Identify the base and the height.  (c) What is the area bound by the given lines? | 4. Graph the lines , , and .  (a) Highlight the triangle created by the three lines.  (b) What is the base and the height of the triangle?  (c) What is the area bound by the given lines? |
| 5. Solve for x.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-05-15 at 10.56.56 PM.png | 6. Solve for x.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-05-15 at 10.57.04 PM.png |